
PRODUCTS BEING DEVELOPED

SIGNAL COMPUTER CONSULTANTS is in the process of converting a number of our popular Commodore 64 products to other computers such as the IBM PC, Atari 800 series, Atari ST, Apple II and Radio Shack Color. We will also be introducing two new railroad

simulation programs for the Commodore 64 in 1987.

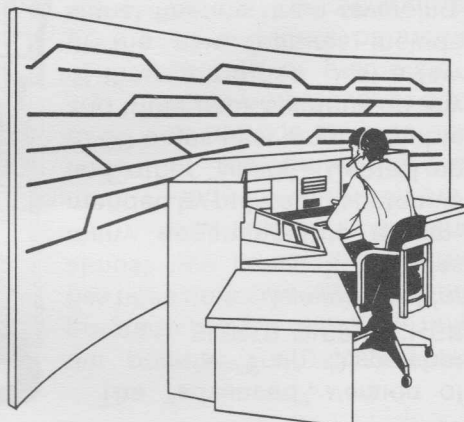
For the first time we will be publishing railroad simulations written by independent programmers and we encourage independent programmers to submit their programs to us for consideration.



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SIGNAL COMPUTER CONSULTANTS, LTD.

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"SIGNAL" was formed in 1983 by a small group of engineers, programmers and analysts who design systems for a variety of business, government and industrial applications. Recognizing the tremendous potential evolving for inexpensive home computers, our initial business plan ("charter") called for translation of "real-world" industrial computer control systems from their mainframe and mini-computer origins to widely available and affordable home systems.

Our translations possess characteristics of both simulators and trainers. We endeavor to model our programs closely to their actual applications, while providing performance feedback to the "operator." With the proper balance our programs can be informative and instructive for a wide range of users — as well as fun.

You will note a strong bias toward railroad simulations in our selections. This reflects our strong background in this area, and the encouraging reception TRAIN DISPATCHER, our first simulation program, has received. Only one of our current products, SONAR SEARCH, is not a railroad simulation.

Although SIGNAL Computer Consultants is recognized primarily for our computer simulation products, our staff is experienced in a wide range of computer application areas. We welcome inquiries, both for custom applications for our products and for other systems.

We at SIGNAL are very interested in hearing from our customers. Ideas for new products, and suggested changes or enhancements to current products are welcomed. We also need to know about any problems users may be having with any of our products. Please call or write. We do listen!

Many of our customers have expressed an interest in receiving information about how other users of the

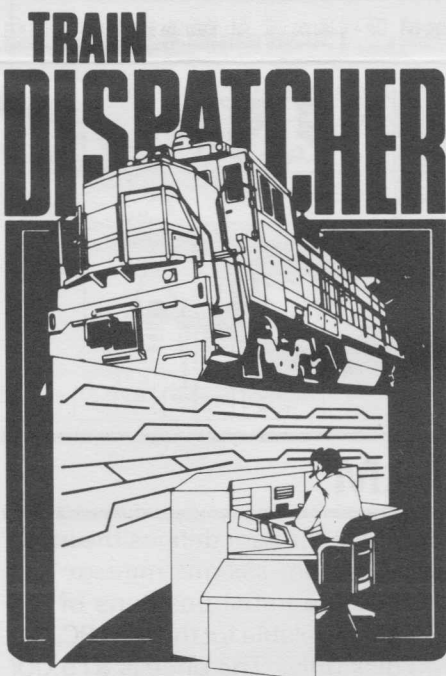
software are doing with the programs. We would, therefore, like to extend a special invitation to anyone who has purchased a program from us to send in feedback including scores and levels attained, operating tips discovered, plus any other information that might be of interest to fellow users of the software. If we receive a great enough response to this solicitation for feedback, we will compile the information and publish a newsletter of sorts from time to time. The newsletter will be sent free of charge to all purchasers of software referred to in it.

We try to keep our customers informed about new SIGNAL releases. Placing an order with us automatically puts you on a mailing list to receive information about future SIGNAL releases for your computer.

STATEMENT OF POLICY

For the convenience of our customers, copyrighted SIGNAL products are not copy protected. Copies for personal use only may be made, within the limits of copyright laws. Revenue lost through distribution of illegal and unauthorized software drives prices up for legal purchasers. Several thousand hours are required to develop a quality product. To remain in business, development costs must be recovered through sales volume. We ask for your cooperation.

SIGNAL products are subjected to strict quality control. Program disks and tapes are individually verified prior to shipment. However, damage can occur during shipment, and occasionally products received will be defective. If problems are encountered within thirty days, return the product for replacement. After 30 days, a charge of \$5.00 is made for replacement.



TRAIN DISPATCHER SIMULATION PROGRAM

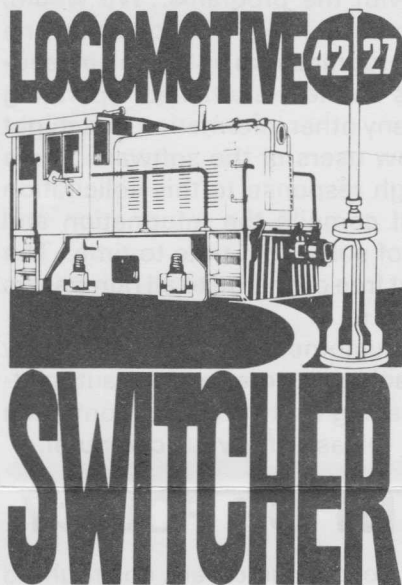
Created by the designers of Centralized Traffic Control (CTC) Systems for railroads, TRAIN DISPATCHER is a realistic simulation of railroad traffic control. The operator controls the movement of up to 12 trains over a 150 mile territory by throwing switches and clearing signals. There are both single and double track sections with 20 switches and 64 signals to control. Train location and movement are monitored on a total of 23 screens which are constantly updated. TRAIN DISPATCHER is fun to operate and will increase your understanding of railroad operations.

TRAIN DISPATCHER is available for the following computers:

Commodore 64 (disk only)	\$15.00
Atari 800 & 800XL (disk only)	\$15.00
(800 requires Basic cartridge)	
Apple II, II+, IIe & IIc (disk only)	\$20.00
IBM PC, XT, AT & Jr (disk only)	\$25.00
(requires color graphics card)	

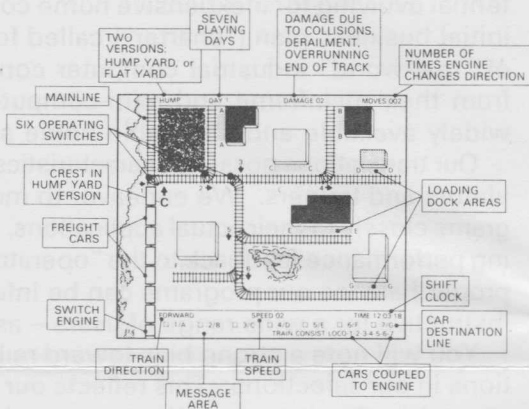
A color television or monitor is recommended.

LOCOMOTIVE SWITCHER SIMULATION PROGRAM



LOCOMOTIVE SWITCHER uses high resolution graphics, sophisticated car motion logic and great sounds to simulate railroad switching operations in an industrial yard area. There are two modes of operation, flat yard and hump yard. In flat yard mode cars are spotted to and pulled from various factory shipping docks according to user or computer-generated assignments. In hump yard mode the cars free-roll to their assigned destinations after the operator determines the proper retarder speeds and switch alignments. In both modes high scores can be achieved by minimizing moves and damage.

LOCOMOTIVE SWITCHER is available for the Commodore 64 computer on disk only. The price is \$30.00.



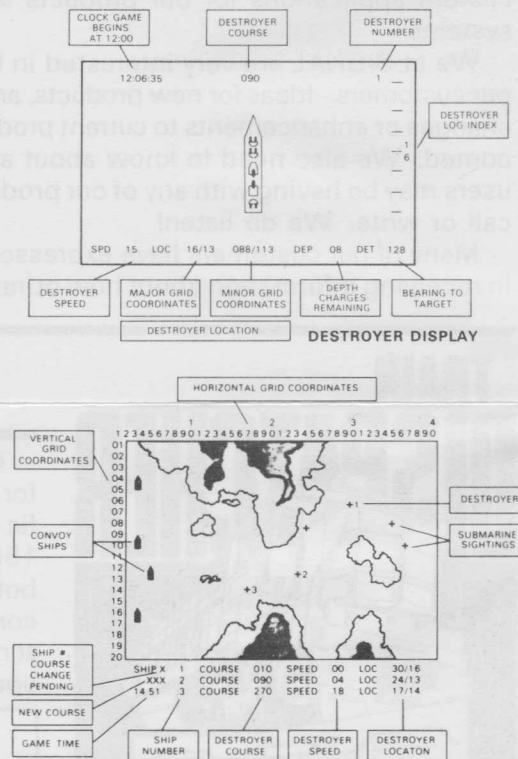
SONAR SEARCH SIMULATION PROGRAM



Just like destroyer commanders during World War II, the user never sees the enemy below. He must rely on his sonar equipment, navigation skills and luck to find, track and destroy the 5 enemy submarines that are trying to escape through a narrow strait into the open ocean. When making a depth charge run, he must be ready to take immediate evasive action upon hearing the sound of approaching high-speed propellers. If he waits until he sees the torpedoes, it will be too late. SONAR SEARCH uses high resolution graphics and sophisticated sound to simulate anti-submarine warfare.

It may be too abstract for some children under age 12 as it requires skills to estimate distance from sonar echoes and to visualize intercepts from compass bearings.

SONAR SEARCH is available for the Commodore 64 computer on disk only. The price is \$15.00.



TRACK BUILDER PROGRAM

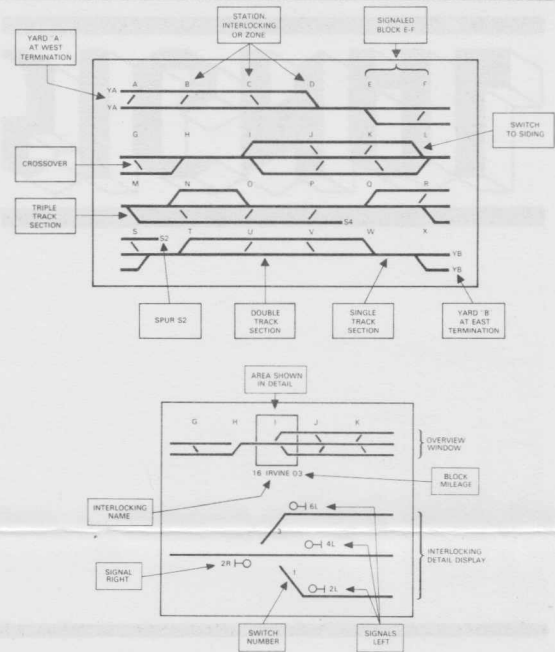
TRACK BUILDER is designed to work in conjunction with the IBM PC version of the TRAIN DISPATCHER simulation program. TRACK BUILDER allows the operator of TRAIN DISPATCHER to design custom track territories to run the simulation on. Using TRACK

BUILDER to build a territory, the user defines the interlocking types at each location, assigns mileage between locations and sets the initial positions of the trains. TRACK BUILDER is available for the IBM PC, XT, AT & Jr computers on disk only. The price is \$15.00.

SUPER DISPATCHER SIMULATION PROGRAM



The "advanced" version of our popular Train Dispatcher program, SUPER DISPATCHER has been under development for almost two years. It includes many enhancements recommended by railroad dispatchers and other "users". Control up to 60 trains over single, double and triple track sections on any of three territories. Just a few of the new features include signal fleeting, train reversing, and randomly introduced hot boxes and derailments. SUPER DISPATCHER is available now for the Commodore 64 (disk) at \$35.00.



SUPER TRACK BUILDER

Design your own custom territories to run with SUPER DISPATCHER. No programming skills are required to use SUPER TRACK BUILDER, which allows you to quickly build single, double and triple track territories from 16 interlocking types. Unlimited switch, block mileage, and train position configurations are

possible. Even allows you to assign station names. Build a library of real territories and experiment with them to optimize system performance! SUPER TRACK BUILDER available on December 1, 1986, for Commodore 64 (disk) at \$20.00. (SUPER DISPATCHER required to run territories you build)

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